

# Recombinant Mouse UPK3A Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08607

**Protein Name:** Uroplakin Uroplakin 3A (UPK3A)

**Aliases:** UP3A; UPK3; UPIII; UPIIIA; uroplakin uroplakin 3A; uroplakin-3a; uroplakin III

**UniProt ID:** O75631

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O75631/entry>

**Species Source:** Mus musculus (Mouse)

**Expression System:** E.coli

**Protein Length:** Partial (19-207aa)

**Molecular Weight:** 25.5 kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (19-207aa)

VNLQPQLASVTFATNNPTLTTVALEKPLCMFDSSEPLSGSYEVYLYAMVDSAMSRN  
VSVQDSAGVPLSTTFRQTQGGRSGPYKAAAFDLTPCGDLPSLDAVGDVTQASEILN  
AYLVRVGNGTFCFWDPNFQGLCNPPLTAATEYRFKYVLVNMSTGLVQDQTLWSDP  
IWTNRPIPYSAIDTWPGRSSGG

## 3. Storage Buffer

**Liquid Delivery Form:** Tris-based buffer with 50% glycerol.

**Lyophilized Powder Delivery Form:** Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

## 4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.



## 5. Product Description

This product is a recombinant Mouse UPK3A partial protein (19-207aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. UPK3A, also known as UP3A or UPK3 or UPIII, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

## 6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.